

WHAT IS CLAIMED IS:

1. A system for monitoring resources within a build to order manufacturing facility comprising:
a remote monitoring system coupled to one or more pieces of equipment within the manufacturing facility operable to produce build to order products;
the remote monitoring system communicatively coupled to a control center operable to display status information associated with using the one or more pieces of equipment; and
the monitoring system operable to determine an operating status of the one or more pieces of equipment relative to a ship criteria associated with producing the build to order products.
2. The system of Claim 1 further comprising plural pieces of equipment operably associated with one or more locations within the manufacturing facility.
3. The system of Claim 2 further comprising an aggregator operably coupled to one or more information sources associated with the control center, the aggregator operable to consolidate real-time information relating to the status information.
4. The system of Claim 1 further comprising one or more remote access terminals within the manufacturing facility operable to provide access to the remote monitoring system.

7. The system of Claim 1 further comprising a process monitor operable to monitor a process that uses the one or more pieces of equipment.

8. A method for monitoring resources within a build to order manufacturing facility comprising:
accessing information resources for selective portions of a manufacturing facility, the resources
5 associated with one or more pieces of equipment remotely located from a control center for the manufacturing facility operable to produce build to order products;
determining an operating status of the one or more pieces of equipment relative to a ship criteria
10 associated with manufacturing the products; and
displaying the status within a user interface of the control center.

9. The method of Claim 8 further comprising:
15 accessing a log to obtain information for monitoring the equipment;
determining if an error has occurred with one of the pieces of equipment;
notifying the control center of the error; and
20 updating the status for the piece of equipment.

10. The method of Claim 9 further comprising:
determining a reallocation of resources within the facility using a one or more WIP profiles;
25 reallocating the resources in response to the equipment encountering the error.

11. The method of Claim 8 further comprising providing information in real-time from remote locations
30 within the manufacturing facility.

12. The method of Claim 8 further comprising
automatically reallocating resources upon determining an
error associated with a malfunctioning piece of
5 equipment.

13. The method of Claim 12 further comprising
routing product to a different portion of the
manufacturing facility in response to determining the
10 error.

14. The method of Claim 8 further comprising
associating a process with the one or more pieces of
equipment to provide a process monitor.
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15. A medium including encoded logic for monitoring resources within a build to order manufacturing facility comprising the logic operable to:

access information resources for selective
5 portions of a manufacturing facility, the resources associated with one or more pieces of equipment remotely located from a control center for the manufacturing facility operable to produce build to order products;

determine an operating status of the one ore
10 more pieces of equipment relative to a ship criteria associated with manufacturing the products; and

display the status within a user interface of the control center.

15 16. The medium of Claim 15 further comprising logic operable to:

access a log to obtain information for monitoring the equipment;

determine if an error has occurred with one of
20 the pieces of equipment;

notify the control center of the error; and
update the status for the piece of equipment.

17. The medium of Claim 16 further comprising logic
25 operable to:

determine a reallocation of resources within the facility using a one or more WIP profiles;

reallocate the resources in response to the equipment encountering the error.

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5 19. The medium of Claim 15 further comprising logic operable to automatically reallocate resources upon determining an error associated with a malfunctioning piece of equipment.

15 21. The medium of Claim 15 further comprising logic
operable to associate a process with the one or more
pieces of equipment to provide a process monitor.